



The AV expressing NEU1 induces a stable increase of NEU1 activity in the mouse liver tissues. (A-B) 4 month-old C57Bl6 male mice were injected into the tail vein with NEU1-GFP adenovirus (NEU1-GFP AV) or GFP control adenovirus (GFP AV) at $4.8.10^8$ pi/mouse, exposed to HFD and sacrificed after 1, 5 or 9 weeks. NEU1 activity was measured (A) in different organ homogenates 4 weeks after AV injection and (B) in liver homogenates 1, 5 and 9 weeks after AV injection, as described in the legend to supplementary Figure 1. Data are shown as means \pm s.e.m of 4 mice and analyzed using t-test. Significant (*P < 0.05, **P < 0.01, ***P < 0.001) difference was detected with GFP AV group.